

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
 Data File : VU056012.D
 Acq On : 31 Oct 2023 14:14
 Operator : MD/SY
 Sample : 05114-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B74

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2023
 Supervised By : Mahesh Dadoda 11/02/2023

Quant Time: Nov 01 01:10:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 01 01:09:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	324610	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	328053	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	153211	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	78025	3.039	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	60.800%		
7) Chloroethane-d5	1.914	69	72390	3.617	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	72.400%		
11) 1,1-Dichloroethene-d2	2.566	65	35736	3.278	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	65.600%		
20) 2-Butanone-d5	4.637	46	199065	43.455	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	86.900%		
24) Chloroform-d	5.062	84	195248	4.103	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	82.000%		
26) 1,2-Dichloroethane-d4	5.701	65	90319	3.896	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	78.000%		
32) Benzene-d6	5.724	84	391495	4.006	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	80.200%		
36) 1,2-Dichloropropane-d6	6.688	67	119837	4.137	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	82.800%		
41) Toluene-d8	7.897	98	338105	3.814	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	76.200%		
43) trans-1,3-Dichloroprop...	8.180	79	41237	3.640	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	72.800%		
46) 2-Hexanone-d5	8.634	63	171474	59.621	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	119.240%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	89363	4.236	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	84.800%		
66) 1,2-Dichlorobenzene-d4	12.190	152	122855	4.298	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	86.000%		
Target Compounds					Qvalue	
25) Chloroform	5.084	83	20849	0.614	ug/L	90
29) 1,1,1-Trichloroethane	5.312	97	5102	0.171	ug/L	95
34) Trichloroethene	6.541	95	45501	2.247	ug/L	98
47) Tetrachloroethene	8.553	164	27742935m	1956.185	ug/L	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

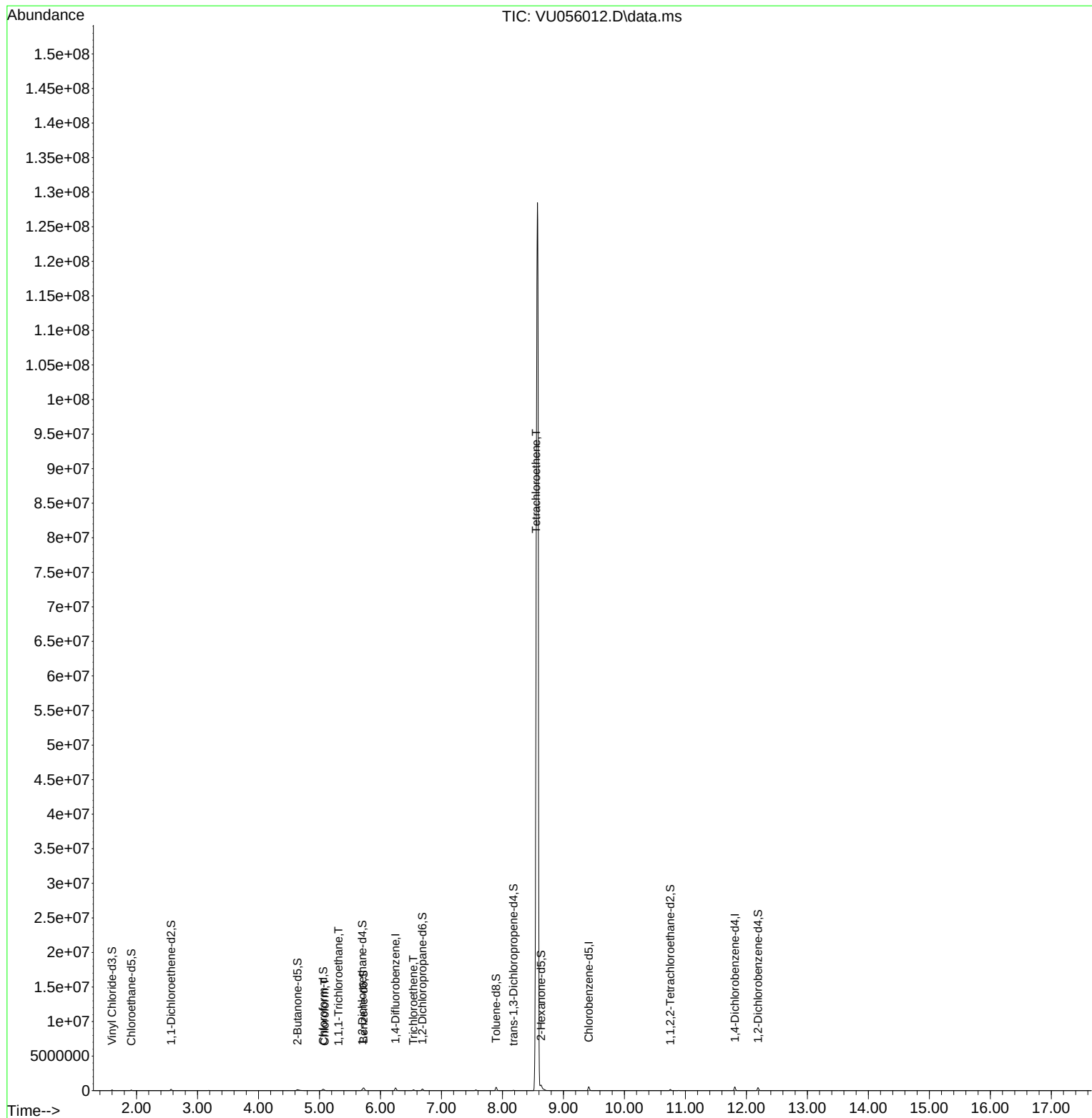
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103123\
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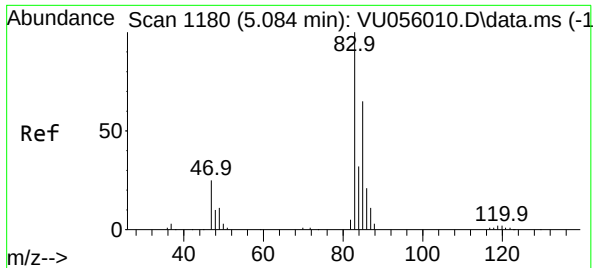
Instrument :
MSVOA_U
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#25

Chloroform

Concen: 0.614 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VU056012.D

Acq: 31 Oct 2023 14:14

Instrument :

MSVOA_U

ClientSampleId :

C0B74

Tgt Ion: 83 Resp: 20849

Ion Ratio Lower Upper

83 100

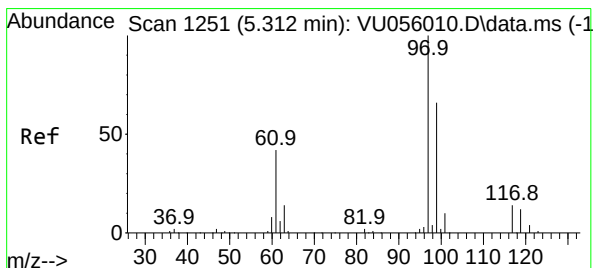
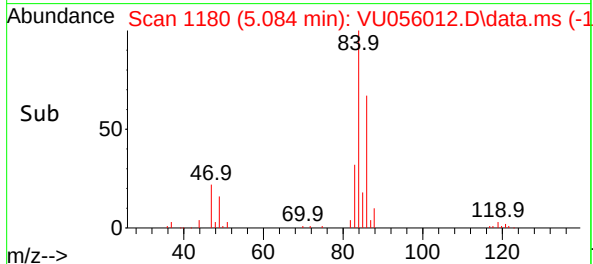
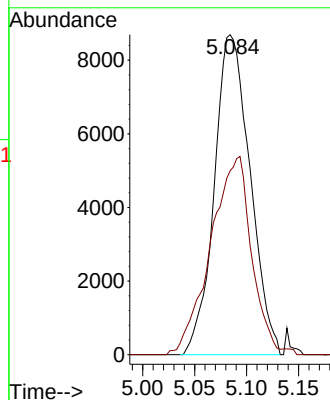
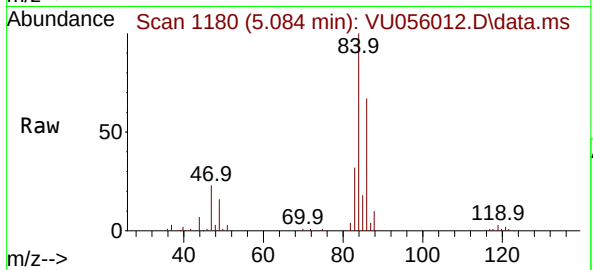
85 57.5 45.6 84.8

Manual Integrations

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#29

1,1,1-Trichloroethane

Concen: 0.171 ug/L

RT: 5.312 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VU056012.D

Acq: 31 Oct 2023 14:14

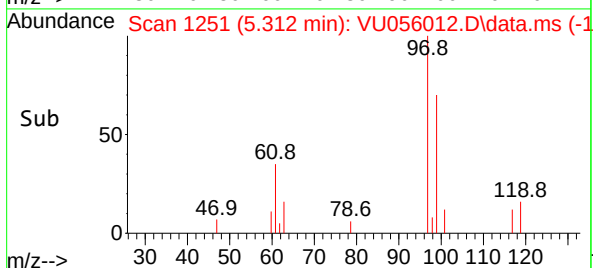
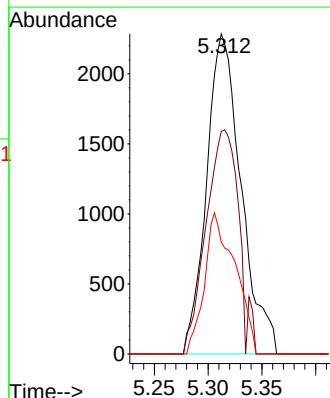
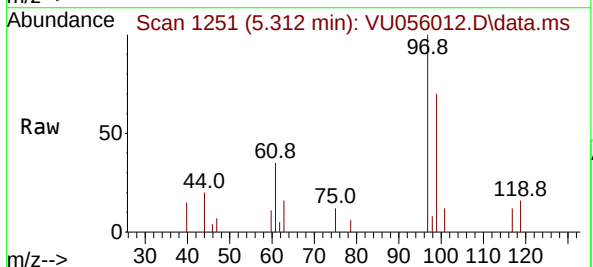
Tgt Ion: 97 Resp: 5102

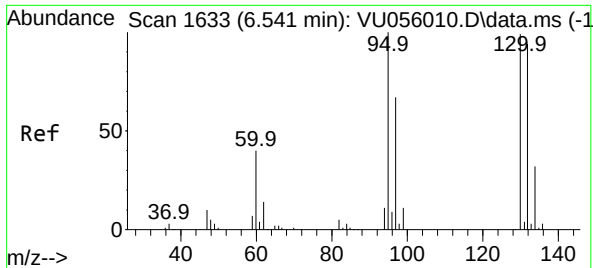
Ion Ratio Lower Upper

97 100

99 66.4 50.8 76.2

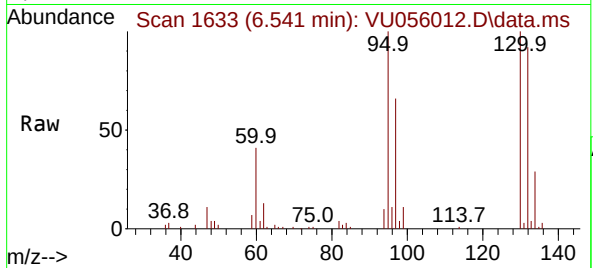
61 39.1 35.0 52.4





#34
Trichloroethene
Concen: 2.247 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.000 min
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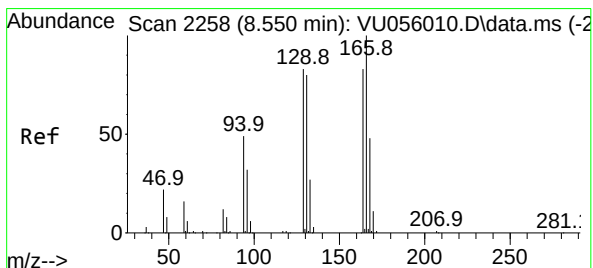
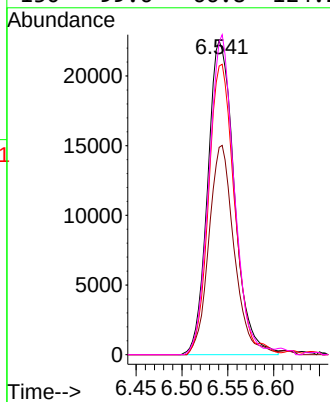
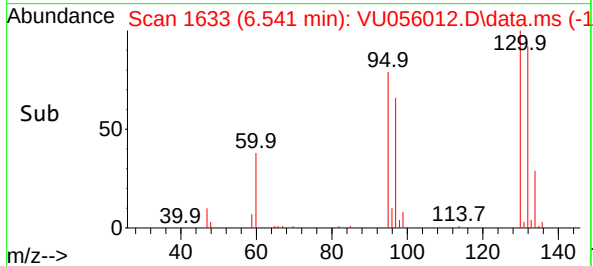
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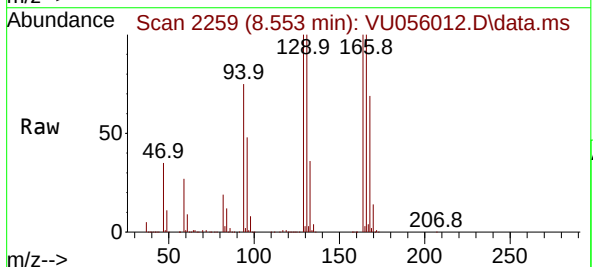
Tgt Ion: 95 Resp: 4550
Ion Ratio Lower Upper
95 100
97 66.1 45.4 84.2
132 91.9 63.9 118.7
130 99.6 66.8 124.2

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#47
Tetrachloroethene
Concen: 1956.185 ug/L m
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU056012.D
Acq: 31 Oct 2023 14:14



Tgt Ion:164 Resp:27742935
Ion Ratio Lower Upper
164 100
129 100.0 72.2 134.0
131 100.0 70.8 131.6
166 100.0 89.0 165.2

